IN THE CLAIMS:

Claim 1-49 were previously cancelled. Claims 50, 51, 54, 55, 58-61, 63, 66 and 70-74 are currently amended. Claims 53 and 75-92 are currently cancelled. Claims 52, 56, 57, 62, 64, 65 and 67-69 are carried forward, all as follows:

Claims 1-49 (Cancelled)

50.   (Currently Amended) A device for controlling a printing press, said printing press having at least one unit embodied as a material feeding device, at least one unit embodied as <u>one of</u> a printing unit <u>and</u> ~~or as~~ a printing group and at least one unit embodied for further processing <u>of said material</u>, said device comprising:

a common control system assigned to a plurality of <u>control elements of several of</u> said units, said <u>common</u> control system having a central data memory with an identifier space, in which up-to-date actual values and/or up-to-date command variables are stored in the form of process variables<u>, said central data memory being connected to said plurality of control elements by at least one communications layer embodied as one of a higher order process unit and a computing unit</u>; and

wherein said <u>central</u> data memory has a memory area for said process variables, each of said process variables having a data structure that is designed with the use of a data set describing a projected installation for said printing press, and said <u>central</u> data memory is a data server that employs object management in accordance

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with an object model standard.

51.   (Currently Amended) A device for controlling a printing press, said printing press having at least one unit embodied as a material feeding device, at least one unit embodied as <u>one of</u> a printing unit <u>and a</u> ~~or as~~ printing group and at least one unit embodied for further processing <u>of said material</u>, said device comprising:

a common control system assigned to several of said units, said control system having a central data memory with an identifier space, in which up-to-date actual values and/or up-to-date command variables are stored in the form of process variables;

a process or computing unit designed as a communication server to which said central data memory is connected with a signal connection;

at least one lower-order process unit to which said communication server is connected, each of which is designed to serve a network of a defined type; and

at least one control element for one or more of said printing press units to which said at least one lower-order process units is connected.

52.   (Previously Presented) The device of claim 51, wherein said data memory has a memory area for said process variables, each of said process variables having a data structure that is designed with the use of a data set describing a projected installation for said printing press.

53.   (Cancelled)

54.   (Currently Amended) The device of claim 50 ~~53~~, wherein said process <u>unit</u> or <u>said</u> computing unit is embodied as a higher-order communication server.

55.   (Currently Amended) The device of claim 54, wherein said <u>higher-order</u> communication server has communication-specific information regarding the printing press units.

56.   (Previously Presented) The device of claim 55, wherein said communication-specific information is implemented in the communication server via an interface using a configuration file.

57.   (Previously Presented) The device of claim 51, wherein said signal connection is implemented with at least one network.

58.   (Currently Amended) The device of claim 50, wherein basic settings of the process variables are implemented in the <u>central</u> data memory via the data set.

59.   (Currently Amended) The device of claim 50, further comprising a control console from which the process variables in the <u>central</u> data memory can be read and/or refreshed; and one or more control elements for said printing press units, also from which the process variables in the <u>central</u> data memory can be read and/or

refreshed

60.   (Currently Amended) The device of claim 50, wherein said <u>central</u> data memory is designed as a data server with at least one open interface.

61.   (Currently Amended) The device of claim 50, wherein said <u>central</u> data memory is designed for supporting an inter-process communication with an exchange of complex data structures.

62.   (Previously Presented) The device of claim 60, wherein said interface is designed for supporting an inter-process communication with an exchange of complex data structures.

63.   (Currently Amended) The device of claim 51, wherein said <u>central</u> data memory is a data server ~~data server~~ that employs object management in accordance with an object model standard.

64.   (Previously Presented) The device of claim 51, wherein said process or computing unit is designed for supporting an inter-process communication with an exchange of complex data structures.

65.   (Previously Presented) The device of claim 51, wherein said process or computing unit processes objects or process variables on the basis of an object

management in accordance with an object model standard.

66.   (Currently Amended) The device of claim 50 53, wherein said process or

computing unit is connected with several lower-order process units, which in turn are

each connected with one or with several of the plurality of control elements.

67.   (Previously Presented) The device of claim 51, wherein said lower-order process

unit is a server, which supports an inter-process communication with an exchange of

complex data structures.

68.   (Previously Presented) The device of claim 51, wherein said lower-order process

unit conducts inter-process communication on the basis of an object management in

accordance with an object model standard.

69.   (Previously Presented) The device of claim 51, wherein said at least one lower-

order process unit is embodied as an arc net handler.

70.   (Currently Amended) The device of claim 51, wherein said central data memory,

said process or computing unit and/or said lower-order process unit have an operating

system, which supports a method for inter- process communication that is designed for

the exchange of complex data structures.

71.   (Currently Amended) The device of claim 51, wherein several of said lower-order

process units based on different network types and/or protocols are provided that are connected with the higher-order process or computing unit, each of which, in turn, is in respective signal connection with the printing press units based on these different network types and/or protocols.

72.   (Currently Amended) The device of claim 50, wherein a program section is provided in said central data memory, by means of which set-up of the data structures for the process variables matched to the projected installation is performed using the data in the data set.

73.   (Currently Amended) The device of claim 50, wherein said identifier space is freely configurable to store project installation layout and its associated data sets such that the identifier space specifically maps the projected installation using the data set.

Claims 74-92 (Cancelled)